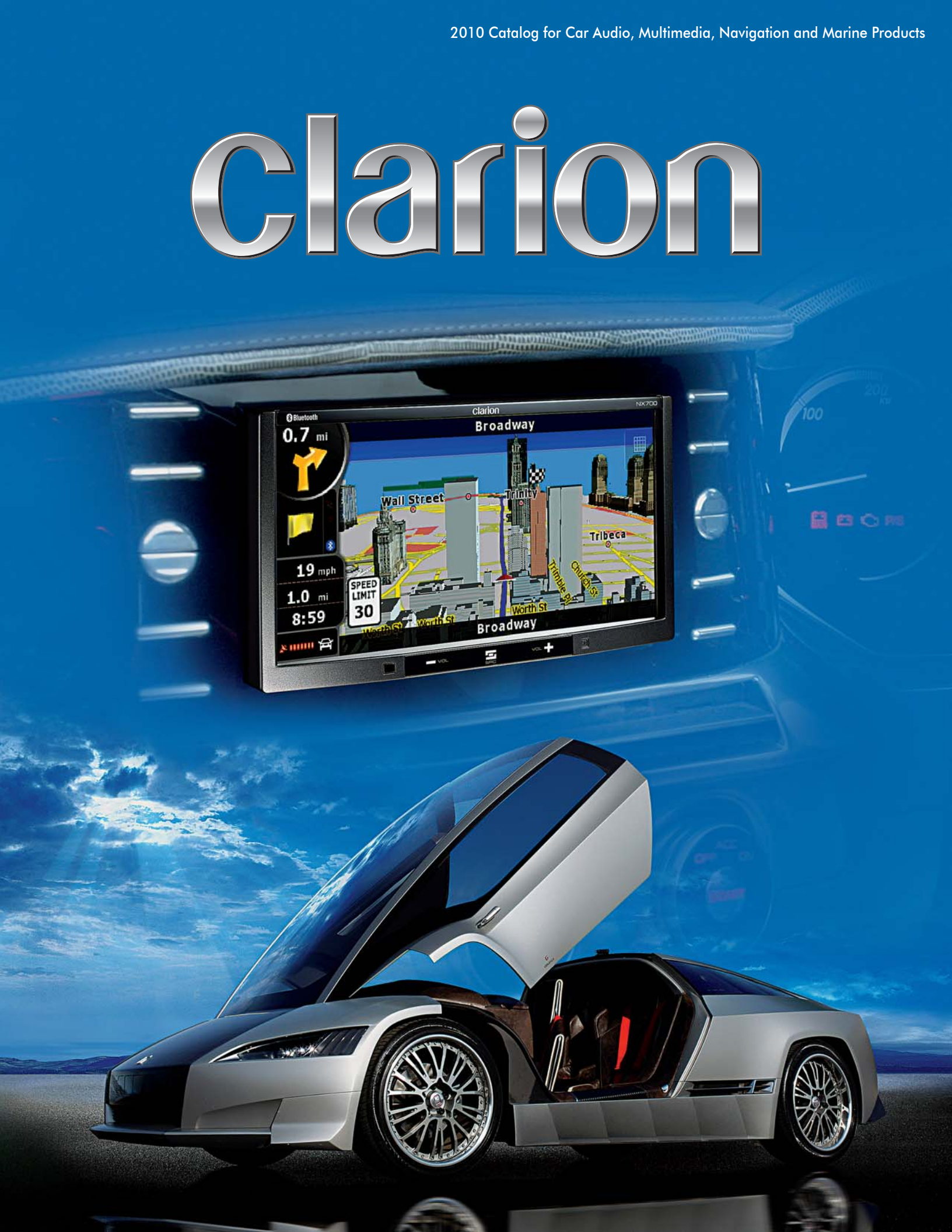
2010 Catalog for Car Audio, Multimedia, Navigation and Marine Products

# Clarion



# Navigate with Style

## NX700

**2-DIN DVD MULTIMEDIA STATION WITH BUILT-IN NAVIGATION & 7-INCH TOUCH PANEL CONTROL**

**CEA 2006 Power Ratings**
20W×4 RMS [4Ω@14.4V≤1% THD+N]
S/N 84dB (Ref:1W into 4Ω)

Hands-free Microphone included

MULTIMEDIA

Made for iPod · Works with iPhone · Bluetooth® · SAT RADIO READY · DivX · BBE MP · 2 Year Warranty*

### DivX Codec

At the forefront of compressed video technology is the DivX codec. The NX700 is equipped with DivX 6 codecs (or DivX Media Format), reducing the file size of digital movies while offering high quality, fully interactive movie playback.

### Graphical User Interface

Only three buttons on the front panel — the rest is handled by the intuitive graphical interface that displays a variety of functions from navigation to entertainment.

### Built-in Bluetooth® for Hands-free Calling

Wirelessly connect your Bluetooth compatible cell phone to listen to calls through your vehicle's audio system. HFP is supported.

### Superior iPod® and iPhone™ Connectivity

*For compatibility details, please visit the Clarion website. Playback of iPod Video requires the optional CCA723 or CCA748 cable.

### Built-in Navigation System

Count on GPS accuracy, and an efficient mapping engine with Text to Speech (TTS) to guide you to your destination. Internal flash memory provides fast access to data, while 3D rendered graphics give you a realistic view of the route you're on.

| | DVD VIDEO | DOLBY DIGITAL | CD TEXT | Works with iPhone / Made for iPod | Bluetooth | HD Radio Ready | SIRIUS READY | SIRIUS READY 2 | XM Ready | BBE MP | MP3/WMA/AAC | MP3/WMA | USB | Bluetooth External Mic. | Built-in Navigation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NX700 | ● | ● | ● | USB(Audio) or CCA723 / CCA748(Video) | ● | — | CLA-SC1 +SC-C1 | — | CNP2000UC + CNPCLA1 | ● | ● | — | Rear | Included | Flash Memory for Map Storage |
| NZ500 | ● | ● | ● | USB(Audio) or CCA723 / CCA748(Video) | ● | THD400 (With iTunes® Tagging) | — | ● | — | — | — | ● | Rear | Optional (RCB199) | Flash Memory for Map Storage |
| NX500 | ● | ● | ● | USB(Audio) or CCA723 / CCA748(Video) | ● | THD400 (With iTunes Tagging) | — | ● | — | — | — | ● | Rear | Optional (RCB199) | Flash Memory for Map Storage |

# Navigate and Communicate with Intuitive Ease

## NZ500

**DVD MULTIMEDIA STATION WITH BUILT-IN NAVIGATION & MOTORIZED 7-INCH TOUCH PANEL CONTROL**

**CEA 2006 Power Ratings**
16W×4 RMS [4Ω@14.4V ≤1% THD+N]
S/N 82dB (Ref:1W into 4Ω)

## NX500

**2-DIN DVD MULTIMEDIA STATION WITH BUILT-IN NAVIGATION & 6.5-INCH TOUCH PANEL CONTROL**

**CEA 2006 Power Ratings**
16W×4 RMS [4Ω@14.4V ≤1% THD+N]
S/N 81dB (Ref:1W into 4Ω)

### Easy-view Alternate Display

In addition to its main LCD screen, when the NZ500 is in the "closed" position, an informative 12-character blue LCD display offers maximum usability in a space-saving package.

MULTIMEDIA

Made for iPod | Works with iPhone | Bluetooth® | SIRIUS READY | HD Radio® READY

### Built-in Navigation System

Experience efficient guidance to your destination with Text to Speech (TTS) and 12 million POIs (Points Of Interest) pre-stored in internal flash memory.

### Built-in Bluetooth® Interface

Your life is easier with Bluetooth wireless connection of mobile phones and other devices. Support for HFP/OPP for hands-free calling and A2DP/AVRCP for audio streaming is included.

### Superior iPod® and iPhone™ Connectivity

*For compatibility details, please visit the Clarion website. Playback of iPod Video requires the optional CCA723 or CCA748 cable.

| Built-in POIs | TTS Text to Speech | FM/AM | Subwoofer Control | BeatEQ | 24bit | LPF/HPF | M.BASS EX | 50W×4 | 40W×4 | 2-ZONE Entertainment | Rear Vision Camera | 2V/6ch output | AUX Input | QVGA Color LCD Monitor | TOUCH PANEL | OEM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 Million | ● | 18FM / 12AM | ● | ● | ● | ● | ● | ● | — | ● | ● | ● | 1 AV (Rear) | 7-inch | ● | ● |
| 12 Million | ● | 36FM / 12AM | ● | — | ● | — | — | — | ● | — | ● | ● | 1 Front AV/ 1 Rear AV | 7-inch | ● | ● |
| 12 Million | ● | 36FM / 12AM | ● | — | ● | — | — | — | ● | — | ● | ● | 1 Front AV/ 1 Rear AV | 6.5-inch | ● | ● |

# Premium Multimedia with A Simple Touch

## VX400

**2-DIN DVD MULTIMEDIA STATION WITH 6.5-INCH TOUCH PANEL CONTROL**

**CEA 2006 Power Ratings**
15Wx4 RMS [4Ω@14.4V ≤1% THD+N]
S/N 77dB (Ref:1W into 4Ω)

*VX400 Screen Image Showing Optional Navigation Function with Navigation Module NP400 Connected*

## VZ400

**DVD MULTIMEDIA STATION WITH 7-INCH MOTORIZED TOUCH PANEL CONTROL**

**CEA 2006 Power Ratings**
15Wx4 RMS [4Ω@14.4V ≤1% THD+N]
S/N 75dB (Ref:1W into 4Ω)

**Navigation System Example**

VZ400 VX400

Direct Navigation Control

NP400

MULTIMEDIA

Made for iPod | Works with iPhone | Bluetooth | SIRIUS READY | HD Radio READY

### Touch Panel Controlled GUI

There are only 4 physical buttons (VZ400) and 3 physical buttons (VX400) on the front panel — the rest is handled by the touch panel graphical interface. Operation is beautifully enhanced by the high-resolution on-screen display.

### Built-in Bluetooth® Interface

Bluetooth Profile :
Hands-free Profile (HFP), Object Push Profile (OPP), Advanced Audio Distribution Profile (A2DP), Audio Video Remote Control Profile (AVRCP)
Optional External Hands-free Microphone available. (RCB-199)

### Navigation Ready

The optional direct connect NP400 hide-away navigation system can be connected directly to the VX400/VZ400 and controlled though their touch panel. Voice guidance and high-resolution maps can be at your fingertips.

| | DVD VIDEO | DOLBY DIGITAL | CD DIGITAL AUDIO | CD DIGITAL AUDIO | Works with iPhone / Made for iPod | Bluetooth | HD Radio READY | SIRIUS READY | XM Ready | MP3/WMA | USB | Navi. Direct Connection |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VZ400 | ● | ● | ● | — | USB (Audio) or CCA723 / 748 (Video) | Built-in | THD400 (With iTunes Tagging) | ● | — | ● | Rear | NP400 |
| VX400 | ● | ● | ● | — | USB (Audio) or CCA723 / 748 (Video) | Built-in | THD400 (With iTunes Tagging) | ● | — | ● | Rear | NP400 |
| VZ300 | ● | ● | — | ● | CCUIPOD3 (Audio / Video) | — | THD300 | — | CNP2000UC +CCUXM1 | ● | Front | — |

# Easily Add Navigation to Your System

Designed specifically to work with Clarion VX400 or VZ400 multimedia stations, simply adding the NP400 option will transform your in-car entertainment system into a intuitive navigator.

## NP400

**FLASH MEMORY NAVIGATION SYSTEM**

- Compatible with VZ400 or VX400
- Touch Screen Operation (VZ400 or VX400)
- 12 Million Built-in POIs
- Map Coverage: US 50 States and Canada
- Audible Voice Commands in 3 Different Languages (English, French or Spanish)
- NAND Flash Memory (Map Data Pre-loaded )
- USB port for updates
- SiRF GPS III Module with 20-channel GPS Receiver
- Automatic Route Recalculation
- Turn by Turn Voice Prompts and TTS for Street Announcements
- 3 Display Mode: 3D/2D Split Mode

### USB Port for Updates

Navigation map updates can be imported into the system through the USB connector.

### Multiple Viewing Options for Added Realism and Driving Accuracy

3D Map View

2D Map View

Navigation Menu

Split Screen

Dashboard Display

Night Mode

# Satisfy Your Need for Entertainment

## VZ300

**DVD MULTIMEDIA STATION WITH 3.5-INCH LCD MONITOR**

**CEA 2006 Power Ratings**
16W×4 RMS [4Ω@14.4V ≤1% THD+N]
S/N 81dB (Ref:1W into 4Ω)

Made for iPod

HD Radio® READY

XM Ready

MULTIMEDIA

### iPod® Playback

Connect your iPod using the optional CCUIPOD3 cable for music and video playback on the VZ300.

### Front USB Input

USB Connector supports playback of WMA or MP3 files.

## MULTIMEDIA ACCESSORIES

**CK625E**
**REAR VISION CAMERA KIT**
Includes :
CC2011E (Camera) / CAA185 (Power Box) / MF23RM (23'cable)

**VA700**
**VIDEO DISTRIBUTION AMPLIFIER**
- 1 RCA Composite Video Input
- 7 Buffered 75-Ohm RCA Composite Video Outputs
- Stable Video Signal for up to 7 LCD Monitors

**CCA723 / CCA748**
**CONNECTION CABLE for iPod VIDEO**
for NX700, NX500, NZ500, VX400, VZ400, FZ709, FZ409 or CMV1

**CCUIPOD2**
**CONNECTION CABLE for iPod AUDIO and/or VIDEO**
for VX409, VZ409 or CMS1

**CCUIPOD3**
**CONNECTION CABLE for iPod AUDIO and/or VIDEO**
for VZ300 or VZ309

**RCB199**
**External Bluetooth Microphone**
for NX500, NZ500, VX709, VZ709, VX400 or VZ400

| FM/AM | Subwoofer Control | 24bit D/A CONVERTER | LPF | 40W×4 HIGH POWER | Rear Vision Camera | Rear AV Output | 2V/6ch output | AUX Input | QVGA Color LCD Monitor | TFT Color LCD Monitor | TOUCH PANEL | Smart Rotary Volume | OEM Remote ready |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36 FM/12 AM | ● | ● | ● | ● | ● | ● | ● | Front / Rear | 7-inch | — | ● | — | ● |
| 36 FM/12 AM | ● | ● | ● | ● | ● | ● | ● | Front / Rear | 6.5-inch | — | ● | — | ● |
| 18 FM/12 AM | ● | ● | ● | ● | ● | ● | ● | Front | — | 3.5-inch | — | ● | — |

# COMPREHENSIVE CONNECTIVITY

**Clarion Source Units feature easy connection and integration of your iPod or iPhone and Bluetooth® for safe hands-free calling and audio streaming. USB and AUX connections provide access to music on portable devices. Together these create an in-car environment where you're assured of seamless enjoyment of your music.**

## Hands-free Operation for Optimum Driving Safety

SOURCE UNITS

## CZ500

**BLUETOOTH CD/USB/MP3/WMA RECEIVER**

CEA 2006 Power Ratings
19W x 4RMS [4Ω@14.4V ≤1% THD+N]
S/N 80dB (Ref:1W into 4Ω)





**Superior iPod® and iPhone™ Connectivity**

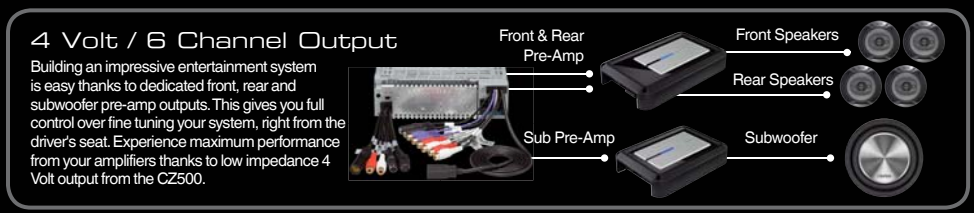
### Built-in Bluetooth® Interface

Wireless connection of mobile phones and other devices to the head unit. Supports HSP/HFP for hands-free conversation, and A2DP/AVRCP for audio streaming.

Made for iPod · Works with iPhone · Bluetooth · HD Radio® READY · XM Ready

### 4 Volt / 6 Channel Output

Building an impressive entertainment system is easy thanks to dedicated front, rear and subwoofer pre-amp outputs. This gives you full control over fine tuning your system, right from the driver's seat. Experience maximum performance from your amplifiers thanks to low impedance 4 Volt output from the CZ500.




## CZ300

**CD/USB/MP3/WMA RECEIVER**

CEA 2006 Power Ratings
18W x 4RMS [4Ω@14.4V ≤1% THD+N]
S/N 78dB (Ref:1W into 4Ω)

Superior iPod and iPhone Connectivity

## Easily Connect To Your Favorite Music

Made for iPod · Works with iPhone · HD Radio® READY · XM Ready

| | CD | Made for iPod / Works with iPhone | Bluetooth | HD Radio® READY | XM Ready | MP3/WMA | USB | FM/AM | Subwoofer Control |
|---|---|---|---|---|---|---|---|---|---|
| CZ500 | ● | USB (Audio) | Built-in | THD300 (With iTunes Tagging) | CCUXM1+ CNP2000UC | ● | Rear | 18 FM/6 AM | ● |
| CZ300 | ● | USB (Audio) | BLT370 | THD300 (With iTunes Tagging) | CCUXM1+ CNP2000UC | ● | Rear | 18 FM/6 AM | ● |
| CZ200 | ● | USB (Audio) | BLT370 | — | — | ● | Rear | 18 FM/6 AM | ● |
| CZ100 | ● | — | BLT370 | — | — | ● | — | 18 FM/6 AM | ● |

# CZ200

## CD/USB/MP3/WMA RECEIVER

**CEA 2006 Power Ratings**
18W x 4RMS [4Ω@14.4V ≤1% THD+N]
S/N 76dB (Ref:1W into 4Ω)

Made for iPod

Works with iPhone

## Superior iPod® and iPhone™ Connectivity

USB connection enables complete control of your iPod. "Works with iPhone" certification brings premium entertainment capabilities into your vehicle.

* To connect iPod, please use the USB cable included with your iPod.
* Please see the Clarion website for iPod models that can be connected.

Front AUX Input for connection of portable audio player or other equipment.

**ABC Search**
Just connect your iPod to a compatible Clarion Source Unit and you get complete control of your iPod including genre/album/song title browsing, complete with iPod ABC Search convenience.

SOURCE UNITS

# CZ100

## CD/MP3/WMA RECEIVER

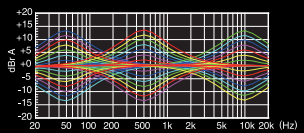
**CEA 2006 Power Ratings**
18W x 4RMS [4Ω@14.4V ≤1% THD+N]
S/N 74dB (Ref:1W into 4Ω)

## CD/MP3/WMA Compatible

In addition to store-bought music CDs you can also enjoy listening to music that you've burned on to a CD. MP3 and WMA file formats are supported.

## Beat EQ with Parametric Equalization

Beat EQ features 3 preset equalization curves, plus the ability to fine tune the level of the bass, midrange and treble for each pattern.
(CZ500, CZ300, CZ200 or CZ100)




## H.M.I. Balances Design and Usability

Clarion's newest H.M.I. (Human Machine Interface) takes the form of an intuitive "starburst" control button array for easy control of your source unit. (CZ500, CZ300, CZ200 or CZ100)

| BeatEQ | LPF | 50W×4 [HIGH POWER] | 45W×4 [HIGH POWER] | 4V/6ch output | 2V/4ch output | AUX input | High Visibility LCD | Integral Rotary Volume | OEM Remote ready | DCP |
|---|---|---|---|---|---|---|---|---|---|---|
| ● | ● | ● | — | ● | — | Front | 13 x 10 Two-Line | ● | ● | ● |
| ● | ● | — | ● | — | ● | Front | 13 x 10 Single-Line | ● | ● | ● |
| ● | ● | — | ● | — | ● | Front | 13 x 10 Single-Line | ● | ● | ● |
| ● | ● | — | ● | — | ● | Front | 13 x 10 Single-Line | ● | ● | ● |

# Minimalist Design with Maximum Features

## FZ709

**BLUETOOTH USB/MP3/WMA/AAC RECEIVER**

**CEA 2006 Power Ratings**
18W x 4RMS [4Ω@14.4V ≤1% THD+N]
S/N 87dB (Ref:1W into 4Ω)

Made for iPod

SAT RADIO READY

BBE MP

2 Year Warranty*

### Built-in Bluetooth® Interface

Bluetooth®

Wireless connection of mobile phones and other devices to the source unit. Supports HFP/OPP for hands-free calling, and A2DP/AVRCP for audio streaming. Wired microphone supplied.

Our capacitive touch sensor interface brings modern technology to the forefront of mobile entertainment. With no moving parts, this interface is truly unique and is the same technology that Apple uses on the iPhone and iPod Touch.

### Connectivity and Functionality

Universal monitor with RCA video input

The FZ409 and FZ709 feature connectivity with iPod for audio as well as video*, so in addition to enjoying music while you drive you can entertain your passengers with video content on an external monitor.

* iPod Video can be viewed by connecting FZ709 or FZ409 to an external monitor with RCA video input and connecting appropriate iPod via optional CCA-723/CCA-748 cable.

## FZ409

**USB/MP3/WMA/AAC RECEIVER**

**CEA 2006 Power Ratings**
18W x 4RMS [4Ω@14.4V ≤1% THD+N]
S/N 87dB (Ref:1W into 4Ω)

Supports iPod USB direct connection for playback via the USB cable provided with an iPod
*iPod sold separately

Made for iPod

SAT RADIO READY

BBE MP

### Bluetooth Interface with Hands-free Calling and Audio Streaming Capability.

**BLT370**
**BLUETOOTH TRANSCEIVER**

Bluetooth®

Bluetooth Profiles :
Headset Profile (HSP), Hands-free Profile (HFP),
Advanced Audio Distribution Profile (A2DP),
Audio Video Remote Control Profile (AVRCP)

Mobile Phone

AUX input

Bluetooth Ready

- **SOURCE UNITS**
  CZ300 / CZ200 / CZ100 / FZ409 / CX400
- **MARINE AUDIO**
  CMV1 / CMD6 / M309 / M109

| | CD | Made for iPod | Bluetooth | SIRIUS READY | XM Ready | BBE MP | MP3/WMA/AAC | USB | Bluetooth External Mic. | FM/AM | Subwoofer Control | M-BASS EX | 24bit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FZ709 | — | ●* | Built-in | CLA-SC1 + SC-C1 | CNP2000UC + CNPCLA1 | ● | ● | Rear | Included | 18 FM/6 AM | ● | ● | ● |
| FZ409 | — | ●* | BLT370 | CLA-SC1 + SC-C1 | CNP2000UC + CNPCLA1 | ● | ● | Rear | — | 18 FM/6 AM | ● | ● | ● |
| CX609 | ● | USB (Audio) | Built-in | CLA-SC1 + SC-C1 | CNP2000UC + CNPCLA1 | ● | ● | Rear | Included | 18 FM/6 AM | ● | ● | — |
| CX400 | ● | USB (Audio) | BLT370 | CLA-SC1 + SC-C1 | CNP2000UC + CNPCLA1 | — | ● | Rear | — | 18 FM/6 AM | — | ● | — |

*USB (Audio) or CCA-723 or CCA748 (Video with External Monitor)

# Big Presence with Wireless Hands-free Convenience

## CX609

**2-DIN BLUETOOTH CD/USB/ MP3/WMA/AAC RECEIVER**

**CEA 2006 Power Ratings**
22W x 4RMS [4Ω@14.4V ≤1% THD+N]
S/N 90dB (Ref:1W into 4Ω)

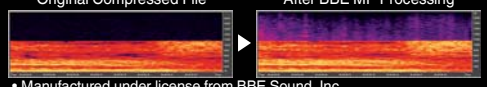
Made for iPod · SAT RADIO READY · Bluetooth · BBE MP · 2 Year Warranty*

### Built-in Bluetooth Interface

### BBE® MP for Better Sounding MP3/WMA/AAC Files

Restores harmonics that are lost during compression of MP3/WMA/AAC files to enhance details and nuances during playback. (CX609)

**BBE MP Process**

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## Customizable Sound and Easy Operation on the Go

## CX400

**2-DIN CD/USB/MP3/WMA/AAC RECEIVER**

**CEA 2006 Power Ratings**
20W x 4RMS [4Ω@14.4V ≤1% THD+N]
S/N 90dB (Ref:1W into 4Ω)

Made for iPod · SAT RADIO READY

Optional

### OPTIONAL ACCESSORIES

**CLA-SC1** — CeNET SIRIUS TRANSLATOR

**K-SIRIUS** — CeNET SIRIUS SATELLITE RADIO KIT

**SCC1C** — SIRIUS SATELLITE RADIO DIRECT CONNECT TUNER

**CCAAUX** — RCA/3.5mm AUX INPUT CABLE

**CCUAUXEX1** — RCA/3.5mm AUX INPUT CABLE

**CCAUSB** — USB EXTENSION CABLE

| BeatEQ | LPF/HPF | Z-Enhancer Plus | 50W×4 High Power | CeNET | 6ch output | 2V/4ch Output | AUX Input | Touch Sensor | OEL Display | 728c Virtual Color | High Visibility LCD | White Color Illuminated | OEM Remote ready |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ● | ● | — | ● | ● | 4V | — | Rear | ● | ● | — | — | — | ● |
| ● | ● | — | ● | ● | 2V | — | Rear | ● | ● | — | — | — | ● |
| ● | ● | — | ● | ● | — | ● | Front | — | — | ● | 13 x 10 2-Line | — | ● |
| — | — | ● | ● | ● | — | ● | Front | — | — | — | 13 x 10 2-Line | ● | ● |

SOURCE UNITS

# Home Theater Enjoyment for Your In-Car Audience

Clarion's overhead monitors bring the comforts of a home theatre system into the vehicle, where your back seat passengers can enjoy a front row seat. DVDs and video files play directly in the overhead unit, freeing up the in-dash system for other tasks.

DVD VIDEO | CD | MP3/WMA | AUX Input

- WXGA Resolution for VT1510B
- Roof Mounting Application
- NTSC and PAL Compatible
- Adjustable Color/Contrast/Brightness/Tint
- White LED Dome Lights
- Built-in IR Transmitter for Wireless Headphones
- IR Headphone(s) Included; 2 (VT1510B/VT1010B) / 1 (VT810B)
- IR Remote Control
- On Screen Display
- 3.5mm AUX Input Connection
- 2 x AV Inputs (rear / side)
- 1 x AV Output (rear)
- Slot-in DVD mechanism/USB/SD/MMC (VT1510B/VT1010B)
- Slot-in DVD mechanism/USB (VT810B)
- Capability to read: DVD Format/DVD±R/ DVD±RW/CD-DA/CD-R/RW/MPEG(1/2/4)/ MP3/WMA/VCD/SVCD

## VT1510B

**15.4-INCH WIDE SCREEN LCD OVERHEAD COLOR MONITOR WITH DVD PLAYER**

USB and SD/MMC slots support playback of MPEG(1/2/4) and MP3/WMA files.

SD | USB

## VT1010B

**10.2-INCH WIDE SCREEN LCD OVERHEAD COLOR MONITOR WITH DVD PLAYER**

Front USB and SD/MMC slots support playback of MPEG(1/2/4) and MP3/WMA files.

SD | USB

## VT810B

**8-INCH WIDE SCREEN LCD OVERHEAD COLOR MONITOR WITH DVD PLAYER**

Equipped with AV input, plus USB slots that support playback of MPEG(1/2/4) and MP3/WMA files.

USB

## Turn Your Back Seat into a First Class Experience

Display video playback or games from a connected source with a high-quality 7" screen. Show a movie or play a game and upgrade your passengers to First Class.

## VM700B

**7-INCH HEADREST/ STAND-ALONE LCD WIDE MONITOR**

- 7" TFT Color Monitor
- 16:9/4:3 Adjustable Screen Format
- On-screen Display
- Front Panel 3.5mm Headphone Mini Jack
- Built-in Dual IR Output for Headphone (Optional WH204H)
- Easy-fit Universal Mounting Bracket Included
- Supports NTSC and PAL
- Dimensions: 7.5" (W) × 5.12" (H) × 1.38" (D)

## OPTIONAL ACCESSORIES

### WH204 / WH204H / WH104

**WIRELESS HEADPHONE SYSTEMS**

- WH204: IR Wireless Headphones (Dual Channel Input)
- WH104: IR Wireless Headphones
- WH204H: Replacement and/or Additional Headphone for WH204

### WH114

**REPLACEMENT AND/OR ADDITIONAL WIRELESS HEADPHONES**

for WH104, WH104H, VT1510B, VT1010B, VT1500B, VT1000B&T, VT800B, OHM1575VD, OHM1075VD or OHM875VD

### FM700W

**WIRELESS FM MODULATOR**

- 2-channel RCA Audio Input
- 8 Selectable FM Transmitting Stations
- Adjustable Audio Level Control
- On/Off Switch Included

### MCD360

**3-WAY ELECTRONIC CROSSOVER**

- 2/4/6 ch Input
- Front/Rear/Subwoofer Level Control
- 6 ch / 5 Volt RCA Outputs (Front/Rear/Subwoofer)
- Subwoofer Equalizer and Boost Level Controls
- High-Pass Crossover Frequency Multiplier
- Remote Subwoofer Level Control (Included)

### EQS746

**1/2-DIN GRAPHIC EQ/CROSSOVER**

- 7-Band Graphic Equalizer
- 2 ch RCA AUX Input with Adjustable Gain
- 6 ch / 7 Volt RCA Outputs (Front/Rear/Subwoofer)
- Selectable 12dB Low-Pass Crossover (60Hz or 90Hz)
- Adjustable Master Volume and Subwoofer Level Control
- Dimensions: 7"(W) × 1"(H) × 4"(D)

### SH1575 / SH1075

**SHROUD**

for VT1510B/VT1010B/ VT1500B, VT1000B & T, OHM1575VD or OHM1075VD

MULTIMEDIA

## XH SERIES
CLASS GH/AB AMPLIFIERS

# Solid Expressions of Power, Streamlined for a Single Purpose - High Output to Drive Your System

- Class GH and AB Models
- Precise Frequency Selector

## XH7110
**850W MONO CLASS GH POWER AMPLIFIER**

CEA 2006 Power Ratings
460W x 1 RMS [4Ω @14.4V ≤1% THD+N]
S/N 68dB (Ref: 1W into 4Ω)

2 yr warranty*

1 ch. Power AMP | LPF | MOS-FET Technology | Hybrid G/H

**BC2 (Optional Wired Remote Bass Level Control)**
for XH7110 Amplifier

## XH5210
**640W 2/1 CHANNEL POWER AMPLIFIER**

CEA 2006 Power Ratings
95W x 2 RMS [4Ω @14.4V ≤1% THD+N]
S/N 86dB (Ref: 1W into 4Ω)

2 yr warranty*

2/1 ch. Power AMP | LPF/HPF | MOS-FET Technology | Class A/B

## XH5410
**320W 4/3/2 CHANNEL POWER AMPLIFIER**

CEA 2006 Power Ratings
100W x 4 RMS [4Ω @14.4V ≤1% THD+N]
S/N 86dB (Ref: 1W into 4Ω)

2 yr warranty*

4/3/2 ch. Power AMP | LPF/HPF | MOS-FET Technology | Class A/B

## Advanced Circuit Design Achieves High Quality Sound

Clarion amplifiers feature uncompromising resistance to RF noise interference, thereby minimizing distortion. Gold-plated block terminals offer low electrical and contact resistance. Easy system configuration is possible with the integrated high-pass and low-pass electronic filters. The result is industry leading frequency response, dynamics and sound quality that rivals amp costing twice as much.

## XR SERIES
CLASS AB AMPLIFIERS

# Power Packed in Black Anodized Aluminum, Ready to Add More Musical Presence to Any System

- High Maximum Music Power
- Selectable Bass Boost

## XR2110
**420W MONO POWER AMPLIFIER**

CEA 2006 Power Ratings
320W x 1 RMS [4Ω @14.4V ≤1% THD+N]
S/N 70dB (Ref: 1W into 4Ω)

1 ch. Power AMP | LPF | MOS-FET Technology | Class A/B

## XR2210
**200W 2/1 CHANNEL POWER AMPLIFIER**

CEA 2006 Power Ratings
80W x 2 RMS [4Ω @14.4V ≤1% THD+N]
S/N 72dB (Ref: 1W into 4Ω)

2/1 ch. Power AMP | LPF/HPF | MOS-FET Technology | Class A/B

## XR2410
**400W 4/3/2 CHANNEL POWER AMPLIFIER**

CEA 2006 Power Ratings
80W x 4 RMS [4Ω @14.4V ≤1% THD+N]
S/N 75dB (Ref: 1W into 4Ω)

4/3/2 ch. Power AMP | LPF/HPF | MOS-FET Technology | Class A/B

| FEATURES & SPECIFICATIONS | XH7110 | XH5410 | XH5210 | XR2110 | XR2410 | XR2210 |
|---|---|---|---|---|---|---|
| Maximum Power Output (Watts) | 850 | 640 | 320 | 420 | 400 | 200 |
| 4-Ohm | 450W x 1 | 90W x 4 | 90W x 2 | 300W x 1 | 60W x 4 | 60W x 2 |
| 2-Ohm | 850W x 1 | 160W x 4 | 160W x 2 | 400W x 1 | 90W x 4 | 90W x 2 |
| Bridged@ 4-Ohm | — | 320W x 2 | 320W x 1 | — | 180W x 2 | 180W x 1 |
| Input Voltage Selector (I.V.S.) Sensitivity Control | ● | ● | ● | — | — | — |
| Precise Frequency Selector (P.F.S.) Crossover Control | ● | ● | ● | — | — | — |
| Precise Frequency Selector -24dB / Oct. Low Pass Crossover, 30-230Hz | ● | — | — | — | — | — |
| Precise Frequency Selector -18dB /Oct. High/Low Pass Crossover, 50Hz - 575Hz, 525Hz - 5.8kHz | — | ● | ● | — | — | — |
| Adjustable Subsonic Filter, 10-80Hz | ● | — | — | — | — | — |
| Number of Channels | MONO | 4/3/2 | 2/1 | MONO | 4/3/2 | 2/1 |
| MOS-FET Power Supply | ● | ● | ● | ● | ● | ● |
| 2-Ohm Stereo Stable | ● | ● | ● | ● | ● | ● |
| 2-Ohm Mono Stable | ● | — | — | ● | — | — |
| 1-Ohm Stable | ● | — | — | — | — | — |
| Selectable Bass Boost; 0/6/12dB @ 50Hz | — | — | — | ● | ● | ● |
| Computer Controlled Forced Induction Cooling | ● | ● | ● | — | — | — |
| Wired Remote Bass Level Control Ready (BC2) | ● | — | — | — | — | — |
| Independent Front / Rear Adjustable -12db/Oct. High/Low Pass Crossover, 30-300Hz | — | — | — | — | ● | — |
| Adjustable -12db/Oct.High/Low Pass Crossover, 50-300Hz | — | — | — | — | — | ● |
| Adjustable Low Pass Crossover @ 30-300Hz | — | — | — | ● | — | — |
| Variable Bass Boost; 0-15dB @ 30-125Hz | ● | — | — | — | — | — |
| Variable Bass Boost; 0-15dB @ 45Hz | — | ● | ● | — | — | — |
| Gold Plated Connectors; RCA / Speaker / Power | ● | ● | ● | ● | ● | ● |
| Speaker Level Input | ● | ● | ● | ● | ● | ● |
| Dimensions (W″ × L″ × H″) | 16-1/32 × 9 ×2-5/8 | 14-11/16 ×9 ×2-5/8 | 12-7/16 × 9 ×2-5/8 | 11-7/8 × 11 × 2-1/4 | 7-7/8 × 11 × 2-1/4 | 7-7/8 × 11 × 2-1/4 |

PXW SERIES

**PXW Subwoofers set a new standard for performance and value.**
**They are designed to produce extreme levels of deep bass from small enclosures.**

## PXW1251

**1000W MAX. 12″ DUAL 2-OHM VOICE COIL SUBWOOFER**

CEA-2031 Speaker Rating
Maximum RMS Power: 500watts
Impedance: 4 ohms + 4 ohms

Input MAX 1000W

- Spider Exhaust Technology Cooling
- Die-cast Aluminum Basket
- Kevlar/Paper Composite Cone Design
- Dual Strontium Ferrite Magnets

## PFW1051

**600W MAX. 10″ SINGLE 4-OHM VOICE COIL SHALLOW SUBWOOFER**

CEA-2031 Speaker Rating
Maximum RMS Power: 300watts
Impedance: 4 ohms

Input MAX 600W

## PXW1252

**1000W MAX. 12″ DUAL 4-OHM VOICE COIL SUBWOOFER**

CEA-2031 Speaker Rating
Maximum RMS Power: 500watts
Impedance: 2 ohms + 2 ohms

Input MAX 1000W

## PXW1051

**1000W MAX. 10″ DUAL 2-OHM VOICE COIL SUBWOOFER**

CEA-2031 Speaker Rating
Maximum RMS Power: 500watts
Impedance: 2 ohms + 2 ohms

Input MAX 1000W

## PXW1052

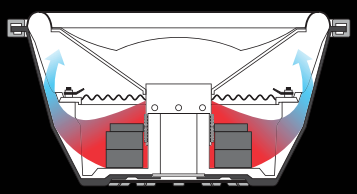
**1000W MAX. 10″ DUAL 4-OHM VOICE COIL SUBWOOFER**

CEA-2031 Speaker Rating
Maximum RMS Power: 500watts
Impedance: 4 ohms + 4 ohms

Input MAX 1000W

## SPIDER EXHAUST TECHNOLOGY (S.E.T.) COOLING

Clarion PXW subwoofers feature SET (Spider Exhaust Technology) cooling to allow heat generated from the voice coil assembly to escape from the area beneath the spider. SET also allows pressurized air to escape from beneath the spider. This improves overall speaker linearity, efficiency and reduces power compression. The PXW subwoofer allows hot air to escape through the spokes of the basket. If you look inside the basket, you can see that each spoke is hollow. This extends to below the spider mounting plateau, providing ventilation and cooling.



| FEATURES SPECIFICATIONS | PXW1252 | PXW1052 | PXW1251 | PXW1051 | PFW1051 |
|---|---|---|---|---|---|
| Max Power Handling (Watts) | 1000 | 1000 | 1000 | 1000 | 600 |
| Continuous Power Handling (Watts) | 500 | 500 | 500 | 500 | 300 |
| Dual 4-Ohm heat Resistant Voice Coils | ● | ● | — | — | — |
| Dual 2-Ohm Heat Resistant Voice Coils | — | — | ● | ● | — |
| Single 4-Ohm Heat Resistant Voice Coils | — | — | — | — | ● |
| Polypropylene Electrolytic Spun Aluminum Coated Dust Cap Design | ● | ● | ● | ● | ● |
| Kevlar/Paper Composite Cone Design | ● | ● | ● | ● | ● |
| Co-polymer Composite High Excursion Surround | ● | ● | ● | ● | ● |
| Dual Strontium Ferrite Magnet Motor Assembly | ● | ● | ● | ● | ● |
| Hyper-extended Vented Pole Piece | ● | ● | ● | ● | ● |
| Dual Gold Plated Block Terminals | ● | ● | ● | ● | ● |
| Linear Poly-cotton Spider with Integrated Tinsel Leads | ● | ● | ● | ● | ● |
| S.E.T. (Spider Exhaust Technology) Cooling | ● | ● | ● | ● | ● |
| Custom Designed Die Cast Aluminum | ● | ● | ● | ● | ● |
| Hidden Screw Mounting Gasket | ● | ● | ● | ● | ● |
| Frequency Response (Hz) | 20-1.5k | 20-1.5k | 20-1.5k | 20-1.5k | 20-1.5k |
| Efficiency (dB/W/m) | 87 | 84 | 87 | 84 | 84 |
| Die Cast Aluminum Basket | ● | ● | ● | ● | ● |
| Number of Voice Coils | 2 | 2 | 2 | 2 | 1 |
| Impedance(Ohm) | 4+4 | 4+4 | 2+2 | 2+2 | 4 |
| Outside Dimension (Inch) | 12-3/8 | 10-3/8 | 12-3/8 | 10-3/8 | 10-3/8 |
| Cut Out Size (Inch) | 10-7/8 | 9-1/16 | 10-7/8 | 9-1/16 | 9-1/16 |
| Mounting Depth (Inch) | 6-3/8 | 5-1/2 | 6-3/8 | 5-1/2 | 3 |
| Enclosure Size($ft^3$) | 0.85 | 0.6 | 0.85 | 0.6 | 0.5 |

### Shallow Mount Subwoofers

When Clarion designed its shallow-mount subwoofers, performance, enclosure size and value were the main criteria.

The PFW1051 features the same Kevlar / Paper Composite Cone design as the PXW Subwoofers. It also features a machined cast aluminum chassis to serve as a rock solid foundation. These features, combined with extensive computer modeling have produced a subwoofer that has garnered accolades from the media and consumers.

The new WF2510 and WF2510D subwoofers feature many of the same technologies as the PFW series and offer exceptional value and application flexibility thanks to their availability as single or dual voice coil designs. This means that no matter what amplifier you are using you can optimize its potential.

All Clarion shallow mount subwoofers can be installed in applications with as little as three inches of mounting depth and enclosure volumes less than 0.5 cubic feet. They will fit almost anywhere and sound fantastic.

## WQ SERIES

**Seamless Parabolic Design Coupled with Dual Voice Coils to Maximize Bass Response**

- ☑ Max Power 1500W
- ☑ Frequency Response 30—1000 Hz

### WQ2510D

**1500W MAX. 10″ DUAL 4-OHM VOICE COIL SUBWOOFER**

CEA-2031 Speaker Rating
Maximum RMS Power: 500 watts
Impedance: 4 ohms + 4 ohms

### WQ3010D

**1500W MAX. 12″ DUAL 4-OHM VOICE COIL SUBWOOFER**

CEA-2031 Speaker Rating
Maximum RMS Power: 500watts
Impedance: 4 ohms + 4 ohms

## WF SERIES

**Formidable Bass Performance in a Unique Shallow-Mount Design for Flexible Installation**

- ☑ Max Power 900W
- ☑ Frequency Response 40—1000 Hz

### WF2510D

**900W MAX. 10″ DUAL 4-OHM VOICE COIL SHALLOW SUBWOOFER**

CEA-2031 Speaker Rating
Maximum RMS Power: 300 watts
Impedance: 4 ohms + 4 ohms

### WF2510

**900W MAX. 10″ 4-OHM VOICE COIL SHALLOW SUBWOOFER**

CEA-2031 Speaker Rating
Maximum RMS Power: 300 watts
Impedance: 4 ohms

## WG SERIES

**Developed Especially to Deliver Big Bass Sound with a Relatively Small Investment**

- ☑ Max Power 900W
- ☑ Frequency Response 35—1000 Hz

### WG2510

**900W MAX. 10″ 4-OHM VOICE COIL SUBWOOFER**

CEA-2031 Speaker Rating
Maximum RMS Power: 300 watts
Impedance: 4 ohms

### WG3010

**900W MAX. 12″ 4-OHM VOICE COIL SUBWOOFER**

CEA-2031 Speaker Rating
Maximum RMS Power: 300 watts
Impedance: 4 ohms

### SRV314

**120W MAX. SLIM DESIGN 6-3/4″ POWERED SUBWOOFER**

CEA 2006 Power Ratings
28W x 2RMS [20@14.4Vat%THD+N]
S/N 65dB (Ref.1Wnto4Ω)

Stick Wired Remote Control

- Dual-voice Coil • 120 W High Power Amplifier with Low Pass Filter • MaxxBass Circuit for Virtual Bass Enhancer • 6-3/4″ Counter-Driven woofer with Dual-Neodymium Magnet • Air Compression Structure with Aluminum Die-cast Enclosure • Remote Control For Gain Control / Low-Pass Filter (Selectable 50/75/100/120 Hz)/ phase Select • Blue LED Power Indicator • RCA Line Level Input/speaker Level Input

*"Maxx Bass" is a patent of KS-Waves."MaxxBass" is a registered trademark of KS-Waves.

| FEATURES & SPECIFICATIONS | WQ3010D | WQ2510D | WF2510 | WF2510D | WG3010 | WG2510 |
|---|---|---|---|---|---|---|
| Max Power Handling (Watts) | 1500 | 1500 | 900 | 900 | 900 | 900 |
| Continuous Power Handling (Watts) | 500 | 500 | 300 | 300 | 300 | 300 |
| Dual 4-Ohm Heavy Duty Copper Voice Coils | ● | ● | — | ● | — | — |
| Single 4-Ohm Heavy Duty Copper Voice Coils | — | — | ● | — | ● | ● |
| Aluminized Composite Dust Cap | ● | ● | ● | ● | ● | ● |
| Reinforced FRP/ Paper Cone | ● | ● | ● | ● | ● | ● |
| Nitrile Butadiene Rubber High Excursion Surround | ● | ● | ● | ● | ● | ● |
| Dual Strontium Ferrite Magnets | ● | ● | — | — | — | — |
| Hyper Extended Vented Pole Piece | ● | ● | ● | ● | ● | ● |
| S.E.T. (Spider Exhaust Technology) Cooling | ● | ● | ● | ● | ● | ● |
| Dual Gold Plated Terminals | ● | ● | — | — | — | — |
| Linear Cotton Spider with Integrated Tinsel leads | — | — | ● | ● | — | — |
| Custom Stamped Steel Powder Coated Chassis | ● | ● | — | — | ● | ● |
| Custom Shallow Stamped Steel Powder Coated Chassis | — | — | ● | ● | — | — |
| Frequency Response (Hz) | 30-1000 | 30-1000 | 40-1000 | 40-1000 | 35-1000 | 35-1000 |
| Efficiency (dB/W/m) | 83 | 82 | 83 | 83 | 83 | 83 |
| Basket Type | Stamped Steel | Stamped Steel | Stamped Steel | Stamped Steel | Stamped Steel | Stamped Steel |
| Number of Voice Coils | 2 | 2 | 1 | 2 | 1 | 1 |
| Impedance (Ohm) | 4 + 4 | 4 + 4 | 4 | 4 + 4 | 4 | 4 |
| Outside Dimension (Inch) | 12-21/32 | 10-21/32 | 10-21/32 | 10-21/32 | 12-9/32 | 10-5/16 |
| Mounting Depth (Inch) | 6-1/8 | 5-15/32 | 2-25/32 | 2-25/32 | 6-3/8 | 5-23/23 |
| Enclosure Size(ft³) | 1.1-2.2 | 0.4-1.2 | 0.4-0.6 | 0.4-0.6 | 1.1-2.1 | 0.4-1.1 |

### SRV314 Specification

- **Speaker type:** 6-3/4″ Counter-Drive powered subwoofer
- **Unit used:** 6-3/4″ MIPP cone woofer (Dual Voice coil)
- **Rated output:** 60W (30W+30W)
- **Max power output:** 120W (60W+60W)
- **Playback frequency range:** 30 to 200Hz
- **Cut-off frequency:** 50Hz/75Hz/100Hz/120Hz
- **Input sensitivity:** RCA input 20mV to 2V, Speaker input 0.2V to 20V
- **Power source voltage:** DC14.4V
- **Ground:** Negative
- **Current consumption:** 7.0A
- **External dimensions:** [Main unit] 12-1/4″ (W) × 2-5/8″ (H) × 8-1/4″ (D) [Remote control Unit] 3-15/16″ (W) × 1-1/8″ (H) × 1″ (D)
- **Weight:** [Body] 2.0Kg [Remote control] 220g

## Big Bass Has Never Been So Easy.

Why take chances with the performance of your subwoofer system with a generic "speaker box" when you can choose an enclosure designed by the same enthusiasts that designed Clarion's subwoofers. Each enclosure is engineered specifically to work perfectly with our subwoofers for maximum performance and output.

Each enclosure is 100% computer modelled and then cut from premium quality hardwood MDF on a precision CNC machine before being wrapped in durable automotive carpet. Each enclosure features vinyl-wrapped trim panels to make them look as awesome as they sound.

From a standard cab Pick-up truck to a fullsize SUV, Clarion has 20 different subwoofer systems that will feed your need for bass.

### K-PX2129P4
**Double 12" Ported Sub Enclosure**
• Includes two PXW1252 Subwoofers - net 4 Ohms

### K-PX2129P2
**Double 12" Ported Sub Enclosure**
• Includes two PXW1251 Subwoofers - net 2 Ohms

### K-WQ2120P4
**Double 12" Ported Sub Enclosure**
• Includes two WQ3010D Subwoofers - net 4 Ohms

Dimensions: 32-3/16" Wide x 14 Height
Depth: 13-5/8" Top, 17" Bottom

### K-PX2109P4
**Double 10" Ported Sub Enclosure**
• Includes two PXW1052 Subwoofers - net 4 Ohms

### K-PX2109P2
**Double 10" Ported Sub Enclosure**
• Includes two PXW1051 Subwoofers - net 2 Ohms

### K-WQ2100P4
**Double 10" Ported Sub Enclosure**
• Includes two WQ2510D Subwoofers - net 4 Ohms

Dimensions: 30-3/16" Wide x 12-5/8" Height
Depth: 13-5/8" Top, 17" Bottom

### K-PX1129P2
**Single 12" Ported Sub Enclosure**
• Includes one PXW1252 Subwoofer - net 2 Ohms

### K-PX1129P4
**Single 12" Ported Sub Enclosure**
• Includes one PXW1251 Subwoofer - net 4 Ohms

### K-WQ1120P2
**Single 12" Ported Sub Enclosure**
• Includes one WQ3010D Subwoofer - net 2 Ohms

Dimensions: 24-3/16" Wide x 13-11/16" Height
Depth: 13" Top, 15-11/16" Bottom

### K-PX1109P2
**Single 10" Ported Sub Enclosure**
• Includes one PXW1052 Subwoofer - net 2 Ohms

### K-PX1109P4
**Single 10" Ported Sub Enclosure**
• Includes one PXW1051 Subwoofer - net 4 Ohms

### K-WQ1100P2
**Single 10" Ported Sub Enclosure**
• Includes one WQ2510D Subwoofer - net 2 Ohms

Dimensions: 19-5/16" Wide x 12-1/4" Height
Depth: 12-3/16" Top, 13-11/16" Bottom

### K-PF2109PTR2
**Double Shallow 10" Ported Sub Enclosure**
• Includes two PFW1051 Subwoofers - net 2 Ohms

### K-WF2100PTR2
**Double Shallow 10" Ported Sub Enclosure**
• Includes two WF2510 Subwoofers - net 2 Ohms

### K-WF2100PTR4
**Double Shallow 10" Ported Sub Enclosure**
• Includes two WF2510D Subwoofers - net 4 Ohms

Dimensions: 45-1/4" Wide x 15-3/16" Height
Depth: 5" Top, 6-1/2" Bottom

### K-PF1109PTR4
**Single Shallow 10" Ported Sub Enclosure**
• Includes one PFW1051 Subwoofer - net 4 Ohms

### K-WF1100PTR4
**Single Shallow 10" Ported Sub Enclosure**
• Includes one WF2510 Subwoofer - net 4 Ohms

### K-WF1100PTR2
**Single Shallow 10" Ported Sub Enclosure**
• Includes one WF2510D Subwoofer - net 2 Ohms

Dimensions: 23-1/16" Wide x 15-3/16" Height
Depth: 5" Top, 6-1/4" Bottom

### K-WG1100P4
**Single 10" Ported Sub Enclosure**
• Includes one WG2510 Subwoofer - net 4 Ohms

Dimensions: 19-1/4" Wide x 11-1/4" Height
Depth: 9-1/4" Top, 11-1/2" Bottom

### K-WG1120P4
**Single 12" Ported Sub Enclosure**
• Includes one WG3010 Subwoofer - net 4 Ohms

Dimensions: 24-1/4" Wide x 11-3/4" Height
Depth: 11-1/4" Top, 15-5/8" Bottom

ENCLOSURES

ULTRA SERIES

## SRU1720M

**350W Max. 6-3/4″ / 6×8″ Multifit Speaker System**

**CEA-2031 Speaker Rating**
Maximum RMS Power: 80 watts
Impedance: 4 ohms

MultiFit | TP-GF Cone | 20kHz | NexMax | Silk Dome Tweeter | S.E.T. Cooling | Input: MAX 350W

## SRU1320M

**250W Max. 5-1/4″ / 5×7″ MultiFit Speaker System**

**CEA-2031 Speaker Rating**
Maximum RMS Power: 80 watts
Impedance: 4 ohms

MultiFit | TP-GF Cone | 20kHz | NexMax | Silk Dome Tweeter | S.E.T. Cooling | Input: MAX 250W

## SRU310H

**300W Max. 1″ Dome Tweeter**

**CEA-2031 Speaker Rating**
Maximum RMS Power: 90 watts
Impedance: 4 ohms

20kHz | NexMax | Silk Dome Tweeter | Input: MAX 300W

**MultiFit**
MultiFit construction allows the tweeter and woofer to be separated during installation. This allows the user the ability to install the speakers in the most acoustically correct location for a specific vehicle.

**Spider Exhaust Technology Cooling**
Heat is the number one enemy of speakers. All of Clarion's Ultra and Platinum woofer drivers feature S.E.T. (Spider Exhaust Technology) Cooling, to allow hot air to escape the speaker's internal motor assembly via computer designed venting.

PLATINUM SERIES

## SRP1620M

**250W Max. 6-1/2″ / 6×8″ MultiFit Speaker System**

**CEA-2031 Speaker Rating**
Maximum RMS Power: 70 watts
Impedance: 4 ohms

MultiFit | Glass Fiber Cone | 20kHz | NexMax | Silk Dome Tweeter | S.E.T. Cooling | Input: MAX 250W

## SRP1320M

**220W Max. 5-1/4″/ 5×7″ MultiFit Speaker System**

**CEA-2031 Speaker Rating**
Maximum RMS Power: 60 watts
Impedance: 4 ohms

MultiFit | Glass Fiber Cone | 20kHz | NexMax | Silk Dome Tweeter | S.E.T. Cooling | Input: MAX 220W

## SRP6920M

**450W Max. 6×9″ MultiFit Speaker System**

**CEA-2031 Speaker Rating**
Maximum RMS Power: 90 watts
Impedance: 4 ohms

MultiFit | Glass Fiber Cone | 20kHz | NexMax | Silk Dome Tweeter | S.E.T. Cooling | Input: MAX 450W

## SRP4620M

**150W Max. 4″ / 4×6″ MultiFit Speaker System**

**CEA-2031 Speaker Rating**
Maximum RMS Power: 60 watts
Impedance: 4 ohms

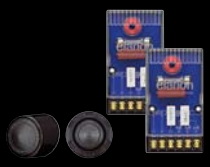
MultiFit | Glass Fiber Cone | 20kHz | NexMax | Silk Dome Tweeter | S.E.T. Cooling | Input: MAX 150W

## SRP310H

**250W Max. 1″ Dome Tweeter**

**CEA-2031 Speaker Rating**
Maximum RMS Power: 70 watts
Impedance: 4 ohms

20kHz | NexMax | Silk Dome Tweeter | Input: MAX 250W



| | Maximum Music Power (Watts) | TP-GF Cone Woofer (Inch) | MultiFit Speaker System Design (OEM Applications) | 1" Pure TP-Silk Dome Tweeter with Neodymium Magnet | 2-Way Mounting Tweeter | 2-Way Crossover with Tweeter Protection and Attenuator (dB) | Mesh Grille Included | Powerful Strontium Magnet for Dynamic Bass Response | S.E.T. (Spider Exhaust Tech) Cooling | Aluminum Die-Cast Frame | Efficiency (dB/W/m) | Frequency Response (Hz) | Mounting Depth (Inch) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRU1720M | 350 | 6-3/4 | ● | ● | ● | 0, -3 | ● | ● | ● | ● | 89 | 25~80k | 2-13/16 |
| SRU1320M | 250 | 5-1/4 | ● | ● | ● | 0, -3 | ● | ● | ● | ● | 88 | 35~80k | 2-5/16 |
| SRU310H | 300 | — | — | ● | ● | 0, -3, -6 | — | — | — | — | 90 | 2k~80k | — |

| | Maximum Music Power (Watts) | Glass-Fiber Cone Woofer with Rubber Surround (Inch) | MultiFit Speaker System Design (OEM Applications) | Pure Silk Dome Tweeter with Neodymium Magnet (Inch) | 2-Way Mounting Tweeter | 2-Way Crossover with Tweeter Protection and Attenuator (dB) | Mesh Grille Included | Powerful Strontium Magnet for Dynamic Bass Response | S.E.T. (Spider Exhaust Tech) Cooling | Aluminum Die-Cast Frame | Efficiency (dB/W/m) | Frequency Response (Hz) | Mounting Depth (Inch) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRP1620M | 250 | 6-1/2 | ● | 3/4 | ● | 0, -3 | ● | ● | ● | ● | 90 | 25~50k | 2-1/2 |
| SRP1320M | 450 | 5-1/4 | ● | 3/4 | ● | 0, -3 | ● | ● | ● | ● | 89 | 40~50k | 2-1/8 |
| SRP6920M | 280 | 6x9 | ● | 1 | ● | 0, -3 | ● | ● | ● | ● | 92 | 25~50k | 3-7/16 |
| SRP4620M | 350 | 4 | ● | 3/4 | ● | 0, -3 | ● | ● | ● | ● | 88 | 40~50k | 1-7/8 |
| SRP310H | 200 | — | — | 1 | ● | 0, -3, -6 | — | — | — | — | 90 | 2k~50k | — |

SRQ SERIES

**Multiaxial and Component Speakers Provide A Perfect Upgrade for Any Audio System.**

## SRQ1621S

**280W MAX. 6-1/2″ 2-WAY COMPONENT SYSTEM**

CEA-2031 Speaker Rating
Maximum RMS Power:55 watts
Impedance: 4 ohms

## SRQ6932R

**450W MAX. 6″x 9″ MULTIAXIAL 3-WAY**

CEA-2031 Speaker Rating
Maximum RMS Power:80 watts
Impedance: 4 ohms

## SRQ1320S

**200W MAX. 5-1/4″ 2-WAY COMPONENT SYSTEM**

CEA-2031 Speaker Rating
Maximum RMS Power:45 watts
Impedance: 4 ohms

## SRQ1631R

**280W MAX. 6-1/2″ MULTIAXIAL 3-WAY**

CEA-2031 Speaker Rating
Maximum RMS Power:55 watts
Impedance: 4 ohms

## SRQ1331R

**200W MAX. 5-1/4″ MULTIAXIAL 3-WAY**

CEA-2031 Speaker Rating
Maximum RMS Power:35 watts
Impedance: 4 ohms

## SRQ6831C

**350W MAX. 6″ X 8″ CUSTOM FIT MULTIAXIAL 3-WAY**

CEA-2031 Speaker Rating
Maximum RMS Power:60 watts
Impedance: 4 ohms

## SRQ211H

**200W MAX. 3/4″ DOME TWEETER**

CEA-2031 Speaker Rating
Maximum RMS Power:45 watts
Impedance: 4 ohms

### PMI-PP Cone

The Q series of speakers uses a newly developed hybrid polymer material in which Pearl Mica is mixed with a Polypropylene base material. This material results in speaker cones that are lighter and more responsive, as well as highly durable and resistant to distortion. It offers clear and detailed mid range and bass response even at high power levels.

### Pure Soft Dome

Equipped on the tweeters of Q Series speakers, this material balances mass and damping characteristics for detailed and accurate reproduction of high frequencies. Neodymium magnets provide an incredibly intense magnetic field which increases overall efficiency.

| | Maximum Music Power (Watts) | TM-MIPP Cone Woofer (Inch) | PMI-PP Cone Woofer (Inch) | Pure Soft Dome Tweeter with Neodymium Magnet (Inch) | Pure Soft Dome Mid-Range with Neodymium Magnet (Inch) | Dome Tweeter (Inch) | 2-Way Mounting Tweeter | Grille & Mesh Included | Powerful Strontium Magnet for Dynamic Bass Response | In-Line -6dB/ oct. Crossover Network | Efficiency (dB/W/m) | Frequency Response (Hz) | Mounting Depth (Inch) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRQ1621S | 280 | — | 6-1/2 | 3/4 | — | — | Variable Angle/ Surface Mounting | ● | ● | ● | 91 | 30~35k | 2-1/4 |
| SRQ1320S | 200 | 5-1/4 | — | 3/4 | — | — | Variable Angle/ Surface Mounting | No Mesh | ● | ● | 91 | 35~40k | 1-13/16 |
| SRQ6932R | 450 | — | 6×9 | — | 1 | 3/8 | — | ● | ● | — | 93 | 25~35k | 2-15/16 |
| SRQ1631R | 280 | — | 6-1/2 | — | 3/4 | 5/16 | — | ● | ● | — | 91 | 30~35k | 2-1/4 |
| SRQ6831C | 350 | — | 6×8 | — | 3/4 | 5/16 | — | — | ● | — | 92 | 30~35k | 2-3/8 |
| SRQ1331R | 200 | — | 5-1/4 | — | 3/4 | 5/16 | — | ● | ● | — | 91 | 40~35k | 1-3/4 |
| SRQ211H | 200 | — | — | 3/4 | — | — | Variable Angle/ Surface Mounting | — | — | ● | 90 | 2.5k~35k | 3/4 |

SRG SERIES

## Full Range of Coaxial Speakers to Easily Upgrade Your Car's Factory System

## SRG6921R

**350W MAX. 6″X9″ COAXIAL 2-WAY**

CEA-2031 Speaker Rating
Maximum RMS Power:50 watts
Impedance: 4 ohms

Input MAX 350W

## SRG1621R

**180W MAX. 6-1/2″ COAXIAL 2-WAY**

CEA-2031 Speaker Rating
Maximum RMS Power:35 watts
Impedance: 4 ohms

Input MAX 180W

## SRG5721C

**250W MAX. 5″X7″ CUSTOM FIT COAXIAL 2-WAY**

CEA-2031 Speaker Rating
Maximum RMS Power:45 watts
Impedance: 4 ohms

Input MAX 250W

## SRG1321R

**160W MAX. 5-1/4″ COAXIAL 2-WAY**

CEA-2031 Speaker Rating
Maximum RMS Power:30 watts
Impedance: 4 ohms

Input MAX 160W

## SRG4621C

**150W MAX. 4″X 6″ CUSTOM FIT COAXIAL 2-WAY**

CEA-2031 Speaker Rating
Maximum RMS Power:30 watts
Impedance: 4 ohms

Input MAX 150W

## SRG1021R

**140W MAX. 4″ COAXIAL 2-WAY**

CEA-2031 Speaker Rating
Maximum RMS Power:30 watts
Impedance: 4 ohms

Input MAX 140W

## SRG921C

**80W MAX. 3-1/2″ CUSTOM FIT COAXIAL 2-WAY**

CEA-2031 Speaker Rating
Maximum RMS Power:20 watts
Impedance: 4 ohms

Input MAX 80W

SPEAKERS

### MIPP Cone Woofer

G series speakers feature woofer cones made from Mica Injected Polypropylene. Unlike many speakers that are made from 'pure' polypropylene, the addition of Mica flake to the polypropylene increases the resulting materials thermal stability (resistance to deformation due to heat) and increased rigidity (known as Modulus). Many other companies only offer this kind of technology on their higher end speakers.

### Metalized PEI Tweeter

The G series tweeters are molded from PEI (Polyether Imide). PEI is a high performance polymer plastic that offers excellent structural and temperature stability characteristics. PEI is so dimensionally stable, it is a perfect solution for use as a tweeter material where thermal conditions would damage conventional plastics.

| | Maximum Music Power (Watts) | MIPP Cone Woofer (Inch) | Metallized PEI Cone Tweeter (Inch) | Metallized PEI Balanced-Drive Tweeter (Inch) | Powerful Strontium Magnet for Dynamic Bass Response | Grille & Mesh Included | Efficiency (dB/W/m) | Frequency Response (Hz) | Mounting Depth (Inch) |
|---|---|---|---|---|---|---|---|---|---|
| SRG6921R | 350 | 6×9 | 2-3/8 | — | ● | ● | 92 | 28~32k | 2-15/16 |
| SRG1621R | 180 | 6-1/2 | — | 1 | ● | ● | 91 | 30~30k | 1-5/8 |
| SRG1321R | 160 | 5-1/4 | — | 1 | ● | ● | 91 | 40~30k | 1-3/4 |
| SRG1021R | 140 | 4 | — | 1 | ● | ● | 90 | 45~30k | 1-11/16 |
| SRG5721C | 250 | 5×7 | — | 1 | ● | — | 91 | 35~30k | 2-1/2 |
| SRG4621C | 150 | 4×6 | — | 1 | ● | — | 90 | 45~30k | 1-3/4 |
| SRG921C | 80 | 3-1/2 | — | 1 | ● | — | 89 | 60~30k | 1-5/16 |

# MARINE AUDIO SYSTEMS

**The Benchmark for Entertainment on The Water.**

## Digital Video — The Newest Wave in Marine Entertainment

### CMV1
**WATERTIGHT MARINE DVD/CD/USB RECEIVER**

CEA 2006 Power Ratings
17W x 4RMS (4Ω@14.4V ≤1% THD+N)
S/N 77dB (Ref:1W into 4Ω)

DivX

SAT RADIO READY · BBE MP · SIRIUS READY · Made for iPod

### Superior iPod® and iPod Touch® Connectivity

* To connect iPod, please use the USB cable included with your iPod. For video playback, optional CCA723 / CCA748 cable required. Please see the Clarion website for iPod models that can be connected.

### Sirius Direct Connection Ready
Connect to a Sirius Satellite Radio receiver without any need for a interface box — and enjoy over 130 channels of music, news, talk shows, sports and traffic information with digital quality sound throughout the U.S. and Canada.

### CMD6
**WATERTIGHT MARINE CD/USB RECEIVER**

CEA 2006 Power Ratings
21W x 4 RMS (4Ω@14.4V≤1% THD+N)
S/N 91dB (Ref; 1W into 4Ω)

SAT RADIO READY · BBE MP · SIRIUS READY · Made for iPod

### Engineered to Withstand Water and Salt
Water is a marine source unit's worst enemy, and salt can be a nightmare. Our CMV1 and CMD6 source units have been IPX5 tested and certified to offer the highest water intrusion protection and salt resistance in their class. Rubber gaskets stop water in its tracks, with integrated drainage channels to keep water out.

### Stainless Steel for Durability Behind the Scenes
Should any water get behind the radio a stainless steel chassis, along with an integrated drip shield over the main harness connector protects internal circuitry from moisture and corrosion.

## Essential Functions and Quality with Added Reliability

### M309
**MARINE CD/USB RECEIVER**

CEA 2006 Power Ratings
21W x 4 RMS (4Ω@14.4V≤1% THD+N)
S/N 91dB (Ref; 1W into 4Ω)

SAT RADIO READY · BBE MP · SIRIUS READY · Made for iPod

### M109
**MARINE CD RECEIVER**

Optional

CEA 2006 Power Ratings
20W x 4 RMS (4Ω@14.4V≤1% THD+N)
S/N 88dB (Ref; 1W into 4Ω)

## OPTIONAL ACCESSORIES

### Control from Anywhere Onboard

With Clarion's new watertight, wired remote controls, command of your audio system is always just an arms-reach away. Up to three can be installed. LCD-equipped models will even let you see and navigate music on your iPod.

**K-MW1**
**WATERTIGHT MARINE REMOTE CONTROL WITH LCD FOR CMV1, CMD6, CMS1 & M309**

**MR1**
**STEERING WHEEL RF REMOTE CONTROL FOR CMV1, CMD6, CMS1 & M309**

**MR2**
**HAND-HELD RF REMOTE CONTROL FOR CMV1, CMD6, CMS1 & M309**

**K-MW2**
**WATERTIGHT MARINE REMOTE CONTROL FOR CMV1, CMD6, CMS1 & M309**

**MWRXC**
**25' MARINE REMOTE EXTENSION CABLE FOR MW1/2**

**MWRYC**
**REMOTE Y-CABLE FOR MW1/2**

| | DVD VIDEO | DOLBY DIGITAL | COMPACT DISC DIGITAL AUDIO TEXT | Made for iPod | Bluetooth | SIRIUS READY | XM Ready | BBE MP | MP3/WMA/AAC | MP3/WMA | USB | FM/AM | 24bit D/A CONVERTER | Z-Enhancer Plus | M-BASS EX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CMV1 | ● | ● | ● | ●* | BLT370 | ● | CNP2000UC +CNPCLA1 | ● | ● | — | Rear | 18 FM / 6 AM | ● | — | — |
| CMD6 | — | — | ● | USB (Audio) | BLT370 | ● | CNP2000UC +CNPCLA1 | ● | ● | — | Rear | 18 FM / 6 AM | — | — | — |
| M309 | — | — | ● | USB (Audio) | BLT370 | ● | CNP2000UC +CNPCLA1 | ● | ● | — | Rear | 18 FM / 6 AM | — | — | — |
| M109 | — | — | ● | — | BLT370 | — | — | — | — | ● | — | 18 FM / 6 AM | — | ● | ● |
| CMS1 | — | — | — | CCUIPOD2 (Audio) | — | ● | — | — | — | ● | Rear | 6 FM /6 AM / Weather Band | — | — | — |

* USB (Audio) or CCA723 / CCA748 (Video).

| | P.EQ Parametric EQ | 50W×4 HIGH POWER | 40W×4 HIGH POWER | eONET | AUX Input | 2V/6ch Output | 2V/4ch Output | 2V/2ch Output | RCA Video Input | RCA Auxiliary Inputs | RCA Jack & Harness Terminal | Fixed Audio Output | FLIP DOWN CONSOLE | TFT Color LCD Monitor | Water Resistance Chassis | Wired Remote Ready | DCP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CMV1 | — | ● | — | ● | Rear | ● | — | — | ● | 2 sets | ● | ● | ● | 3.5-inch | ● | MW1/2 | — |
| CMD6 | — | ● | — | ● | Rear x 2 | ● | — | — | — | 2 sets | ● | ● | ● | — | ● | MW1/2 | — |
| M309 | — | ● | — | ● | Front / Rear | ● | — | — | — | 1 set | ● | ● | ● | — | ● | MW1/2 | ● |
| M109 | ● | ● | — | — | Front | — | ● | — | — | — | ● | — | — | — | — | — | ● |
| CMS1 | — | — | ● | — | Rear | — | — | ● | — | 1 set | ● | — | — | — | ● | MW1/2 | — |

## Hideaway Source Unit for Unique Applications

SIRIUS READY | Made for iPod

# CMS1

**MARINE MECHANISM-LESS SOURCE UNIT**

CEA 2006 Power Ratings
16W x 4 RMS (4Ω@14.4V≤1% THD+N)
S/N 74dB (Ref; 1W into 4Ω)

Watertight Mechanism- less Commander

Just connect your iPod using the optional CCUIPOD2 cable for full control from the source unit.

Compatible with MW1 and MW2 Wired Remotes

## BKU001

**PEDESTAL MOUNT FOR THE CMS1**

- Suction or Screw-In Mounting
- Multi-Angle Adjustable

## SATELLITE RADIO

### SCC1MLC

**Marine Sirius Satellite Radio Direct Connect Tuner**
(Requires SRA25 Antenna)

### SRA25

**Marine Sirius Antenna**
(Includes 25' Cable)

## MARINE RADIO COVERS

### RTR600B & RTR600W

**Manual Marine Radio Covers** (Available in Black or White)

### BNC5200B & BNC5200W

**Manual Marine Radio Covers** (Available in Black or White)

### SEAGIM

**Gimble Mount Marine Radio Enclosure**
(Available in White Only)

## TOWER SPEAKER SYSTEMS

### K-CMQ1720TB
**Premium Tower Speaker System (Black)**
### K-CMQ1720TW
**Premium Tower Speaker System (White)**
### K-CMQ1720TS
**Premium Tower Speaker System (Silver)**

### K-CMR1720TB
**Tower Speaker System (Black)**
### K-CMR1720TW
**Tower Speaker System (White)**
### K-CMR1720TS
**Tower Speaker System (Silver)**

**Tower Speaker System**

• 1 Pair of 7-Inch Speaker Enclosures • Available in Silver, White and Black • Choice for Marine or Premium Series 7-Inch 2-Way Coaxial speakers • Fiberglass construction for rigidity and low mass • Gel-coat high-gloss painted finish • Stainless Steel Mounting Clamp and hardware • Spring-loaded speaker terminals • Fits 1-7/8" to 2-1/2" bars

## PERFORMANCE SUBWOOFERS

### CMQ2010W
Input: MAX 200W

**8" WATER-RESISTANT PERFORMANCE SERIES SUBWOOFER**

CEA-2031 Speaker Rating
Maximum RMS Power 100 watts
Impedance: 4 ohms

### CMQ2510W
Input: MAX 300W

**10" WATER-RESISTANT PERFORMANCE SERIES SUBWOOFER**

CEA-2031 Speaker Rating
Maximum RMS Power 140 watts
Impedance: 4 ohms

## MARINE AMPLIFIERS

### APX490M

**720W MARINE 4/3/2 CHANNEL POWER AMPLIFIER**

CEA 2006 Power Ratings
110W x 4 RMS (4Ω @14.4V ≤1% THD+N)
S/N 97dB (Ref: 1W into 4Ω)

4/3/2 ch. Power AMP | LPF/HPF | BASS Extender

### APX290M

**360W MARINE 2/1 CHANNEL POWER AMPLIFIER**

CEA 2006 Power Ratings
100W x 2 RMS (4Ω @14.4V ≤1% THD+N)
S/N 95dB (Ref: 1W into 4Ω)

2/1 ch. Power AMP | LPF/HPF | BASS Extender

## MARINE SPEAKERS

### CMSW10.1

**10" WATER-RESISTANT MARINE SUBWOOFER**

CEA-2031 Speaker Rating
Maximum RMS Power 80 watts
Impedance: 4 ohms

### CM1635

**6 1/2" 2-WAY WATER-RESISTANT COMPONENT SPEAKER SYSTEM**

CEA-2031 Speaker Rating
Maximum RMS Power 45 watts
Impedance: 4 ohms

### CM1625

**6 1/2" COAXIAL 2-WAY WATER-RESISTANT SPEAKER**

CEA-2031 Speaker Rating
Maximum RMS Power 35 watts
Impedance: 4 ohms

### CMCX7.1

**7" COAXIAL 2-WAY WATER-RESISTANT SPEAKER**

CEA-2031 Speaker Rating
Maximum RMS Power 35 watts
Impedance: 4 ohms

## PERFORMANCE SPEAKERS

### CMQ1620R
Input: MAX 100W

**6.5" WATER-RESISTANT PERFORMANCE SERIES COAXIAL SPEAKER**

CEA-2031 Speaker Rating
Maximum RMS Power 50 watts
Impedance: 4 ohms

### CMQ1720R
Input: MAX 120W

**7" WATER-RESISTANT PERFORMANCE SERIES COAXIAL SPEAKER**

CEA-2031 Speaker Rating
Maximum RMS Power 60 watts
Impedance: 4 ohms

### CMQ6930R
Input: MAX 120W

**6X9" WATER-RESISTANT PERFORMANCE SERIES MULTIAXIAL SPEAKER**

CEA-2031 Speaker Rating
Maximum RMS Power 60 watts
Impedance: 4 ohms

MARINE AUDIO SYSTEMS

| | APX490M | APX290M |
|---|---|---|
| Maximum Power Output (Watts) | 720 | 360 |
| 4 Ohms | 90W x 4 | 90W x 2 |
| 2 Ohms | 165W x 4 | 150W x 2 |
| Variable Bass Extender; 0 - 15dB @ 45Hz | ● | ● |
| Adjustable -12db/Oct. High/Low Pass Crossover, 55Hz - 550Hz (Rear 55 - 550Hz, 550Hz - 5.5kHz) | ● | ● |
| Mixed-Mode Operation | ● | ● |
| Conformal-Coated Double-Sided PCB | ● | ● |
| Corrosion Resistant Aluminum Heat Sink | ● | ● |
| Dimensions (W x L x H)(inch) | 15-1/4 x 9-1/8 x 2-1/4 | 10-1/2 x 9-1/8 x 2-1/4 |

| | CM1635 | CM1625 | CMCX7.1 | CMSW10.1 |
|---|---|---|---|---|
| Maximum Music Power ( Watts) | 130 | 100 | 160 | 350 |
| Mica-Injection Polypropylene Woofer Cone (inch) | 6-1/2 | 6-1/2 | 7 | 10 |
| Sanoprene Rubber Surround | ● | ● | ● | ● |
| Titanium-Coated Dome Tweeter | 1 | 3/4 | 1-1/4 | — |
| Meets Salt/Fog and UV Exposure Standards (ASTM B117/D4329) | ● | ● | ● | ● |
| High-Impact Centrex 814 Grille / Frame | ● | ● | ● | ● |
| Liquid Drainage System | ● | ● | ● | ● |
| Rubber-Insulated Tinsel Leads | ● | ● | ● | ● |
| Gold-Plated Speaker Terminals | ● | ● | ● | ● |
| Stainless Steel Mounting Hardware | ● | ● | ● | ● |
| Rubber Mounting Gasket | ● | ● | ● | ● |

| | CMQ1620R | CMQ1720R | CMQ6930R | CMQ2010W | CMQ2510W |
|---|---|---|---|---|---|
| Speaker Size (Inches) | 6-1/2 | 7 | 6 x 9 | 8 | 10 |
| MAX Input (Watts) | 100 | 120 | 120 | 200 | 300 |
| RMS Input (Watts) | 50 | 60 | 60 | 100 | 140 |
| Impedance (Ohms) | 4 | 4 | 4 | 4 | 4 |
| Salt Spray ASTM B117 | ● | ● | ● | ● | ● |
| UV STD ASTM D4329 | ● | ● | ● | ● | ● |
| Grille Included | ● | ● | ● | ● | ● |
| Applications | Coax | Coax | Tri-Axial (3-way) | Free air subwoofer | Free air subwoofer |
| PEI Black Tweeter (Inches) | 1 | 1 | 1 | — | — |
| Black Mid Tweeter (Inches) | — | — | 2.5 | — | — |
| PP Injection Cone Woofer | ● | ● | ● | ● | ● |
| Stainless Steel Screw | ● | ● | ● | ● | ● |
| Sanoprene Rubber Surround Edge | ● | ● | ● | ● | ● |
| Gold-Plated Terminal | ● | ● | ● | ● | ● |
| Magnetic Shielding Integrated into Basket | ● | ● | ● | ● | ● |
| Ferric Oxide Magnet | ● | ● | ● | ● | ● |
| Frequency Response (Hz) | 60-20k | 55-20k | 52-20k | 45-1k | 30-600 |
| Sensitivity (dB) | 88 | 88 | 88 | 86 | 85 |

Clarion

**www.clarion.com**

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(CD type Source units) • To use iPod nano 1G and iPod 5G, it is necessary to first connect using optional Connection Cable for iPod, then set Analog/Digital switch to Analog. (NX700/CMV1/FZ709/FZ409) • There's no guarantee that all units in this catalog play CCCD (Copy Control CD), Hybrid SACD (Super Audio CD), CD-R/RW and DVD±R/RW. .• USB digital media streaming models. This product is protected by certain intellectual property rights of Microsoft.Use or distribution of such technology outside of this product is prohibited without a license from Microsoft.Windows Media and the Windows logo are trademarks or registered of Microsoft Corporation in the United States and/or other countries. • Please see the Clarion website for iPod models that can be connected.• ©2009 SIRIUS XM Radio Inc., SIRIUS, XM and all related marks and logos are trademarks of SIRIUS XM Radio Inc. and its subsidiaries. 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There may be situations where the navigation system displays the vehicle's location incorrectly, fails to suggest the shortest course, and/or fails to direct you to your desired destination. In such situations, rely on your own driving judgment, taking into account current driving conditions. • Do not use the navigation system to route you to emergency services. The database does not contain a complete listing of locations of emergency service providers such as police, fire stations, hospitals and clinics. Please use your judgment and your ability to ask for directions in these situations. • As a driver you are solely responsible for your road safety. • In order to avoid a traffic accident or traffic offense, remember that actual road conditions and traffic regulations take precedence over the information contained in the navigation system. • Accordingly, the software may contain inaccurate or incomplete information due to the passage of time, changing circumstances, and due to the nature of the sources used. Please observe the actual traffic circumstances and regulations at all times while driving. • The navigation system does not provide, or account for in any way; information regarding traffic and road laws; vehicle specifications including weight, height, width, load, and/or speed restrictions; road conditions including road slope, grade, and/or surface conditions; obstruction information including bridge and tunnel height and width, and/or other prevailing driving and/or road conditions. Always rely on your own driving judgment, taking into account current driving conditions. • Minimize the amount of time spent viewing the screen while driving. • The driver should not operate this unit while driving. Be sure to stop the vehicle in a safe place when the driver is operating this unit. For safety, some of the navigation functions are prohibited unless the vehicle is stopped with the parking brake engaged.

Clarion Corporation of America is a member of the Consumer Electronics Association (CEA) and Specialty Equipment Manufacturers Association (SEMA)

**WARNING: Driver is prohibited by law from viewing a video signal on any in-dash monitor while the vehicle is in motion.**

**WARRANTY** All Clarion products are covered by a Limited One Year Parts and Labor Warranty.The following Clarion products have a Limited Two-Year Parts and Labor Warranty when purchased from and installed by an authorized Clarion Dealer: NX700, CX609, FZ709, XH7110, XH5410, and XH5210

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